FROMMER LAWRENCE & HAUG LLP

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention ENTITLED:

SIGNAL INPUT AND OUTPUT APPARATUS			
the specification of which			
X is attached hereto.			
was filed on	as Application S	Serial No,	
with amendment(s) through			
11-183817 Ja	erred to above. to the United States F in Title 37, Code of F lefits under Title 35, below and have also i before that of the ap st additional applicat	Patent and Trademark Office all in ederal Regulations, Sec. 1.56. United States Code, § 119 of any dentified below any foreign appli plication on which priority is cla	formation known to me foreign application(s) cation for patent or
I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United \$\frac{1}{2}\$\text{States}\$ application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the \$\frac{1}{2}\$\text{States}\$ application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the \$\frac{1}{2}\$\text{States}\$ application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the \$\frac{1}{2}\$\text{States}\$ to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56, which became available between the filing \$\frac{1}{2}\$\text{date}\$ of the prior application and the national or PCT international filling date of this application:  \$\frac{1}{2}\$\text{Prior U.S. Application(s)}\$ [list additional applications on separate page]:  \$\frac{1}{2}\$\text{Prior U.S. Application(s)}\$ [list additional applications on separate page]:  \$\frac{1}{2}\$\text{Appln. Ser. Number:}\$ \text{Filed (Day/Month/Year):}\$ \text{Status (patented, pending, abandoned):}\$  \$\frac{1}{2}\$\text{ hereby appoint }\frac{\text{WILLIAM S. FROMMER}}{\text{ patented, pending, abandoned):}}\$  \$\frac{1}{2}\$\text{ hereby appoint dassociate, my attorneys, with full power of substitution and revocation, to prosecute this  \$\frac{1}{2}\$\text{ patented, pending, abandoned}\$:  \$\frac{1}{2}\$\text{ hereby appointed associate, my attorneys, with full power of substitution and revocation, to prosecute this  \$\frac{1}{2}\$\text{ patented, pending, abandoned}\$:  \$\frac{1}{2}\$\tex			
information and belief are believed to be to willful false statements and the like so mad Title 18 of the United States Code and that or any patent issued thereon.	rue; and further that de are punishable by f	these statements were made with the ine or imprisonment, or both, under	he knowledge that er Section 1001 of
INVENTOR(S): Signature:		Date:	
Full name of sole or first inventor: Residence: Citizenship:	Hirokazu NAGASAWA Kanagawa, Japan Japan		
Signature:		Date:	
<pre>Full name of 2nd joint inventor (if any): Residence: Citizenship:</pre>	Yoshitsugu NOMIYAMA Tokyo, Japan Japan		
Signature:	<del></del>	Date:	
Full name of 3rd joint inventor (if any): Residence: Citizenship:	Masaaki KOJIMA Tokyo, Japan Japan		
(Similarly list additional inventors on sepa Post Office Address(es) of inventor(s): [if all inventors have the same post office	address]	Sony Corporation 7-35 Kitashinagawa 6-chome Shinagawa-Ku, Tokyo 141, Japan	
Note: In order to qualify for reduced fees having rights to the invention must also sig Supporting a Claim by Another for] Small Ent Nonprofit Organization, individual Non-Inver	gn an appropriate sepa tity Status" form [e.q	rate "Verified Statement (Declarat	tion) Claiming for

Note: A post office address must be provided for each inventor.

FLH File No. 450100-02579